

Joana M Silva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

889
citations

17
h-index

29
g-index

30
ext. papers

1,129
ext. citations

6
avg, IF

4.55
L-index

#	Paper	IF	Citations
29	Comparing deep eutectic solvents and cyclodextrin complexes as curcumin vehicles for blue-light antimicrobial photodynamic therapy approaches.. <i>Photochemical and Photobiological Sciences</i> , 2022 , 1	4.2	
28	A Fibrin Coating Method of Polypropylene Meshes Enables the Adhesion of Menstrual Blood-Derived Mesenchymal Stromal Cells: A New Delivery Strategy for Stem Cell-Based Therapies.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
27	Therapeutic deep eutectic solvents assisted the encapsulation of curcumin in alginate-chitosan hydrogel beads. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 24, 100553	3.9	1
26	Untangling the bioactive properties of therapeutic deep eutectic solvents based on natural terpenes. <i>Current Research in Chemical Biology</i> , 2021 , 1, 100003		2
25	Use of hemostatic agents for surgical bleeding in laparoscopic partial nephrectomy: Biomaterials perspective. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 3099-3123 ^{3,5}		3
24	Terpene-Based Natural Deep Eutectic Systems as Efficient Solvents To Recover Astaxanthin from Brown Crab Shell Residues. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 2246-2259	8.3	31
23	Optimal Design of THEDES Based on Perillyl Alcohol and Ibuprofen. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
22	Therapeutic Role of Deep Eutectic Solvents Based on Menthol and Saturated Fatty Acids on Wound Healing. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4346-4355	4.1	43
21	Light-triggered release of photocaged therapeutics - Where are we now?. <i>Journal of Controlled Release</i> , 2019 , 298, 154-176	11.7	55
20	Development of innovative medical devices by dispersing fatty acid eutectic blend on gauzes using supercritical particle generation processes. <i>Materials Science and Engineering C</i> , 2019 , 99, 599-610	8.3	15
19	Unveil the Anticancer Potential of Limonene Based Therapeutic Deep Eutectic Solvents. <i>Scientific Reports</i> , 2019 , 9, 14926	4.9	31
18	Deep Eutectic Solvents for Enzymatic Esterification of Racemic Menthol. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 19943-19950	8.3	25
17	A closer look in the antimicrobial properties of deep eutectic solvents based on fatty acids. <i>Sustainable Chemistry and Pharmacy</i> , 2019 , 14, 100192	3.9	15
16	Design of Functional Therapeutic Deep Eutectic Solvents Based on Choline Chloride and Ascorbic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10355-10363	8.3	59
15	Engineered tubular structures based on chitosan for tissue engineering applications. <i>Journal of Biomaterials Applications</i> , 2018 , 32, 841-852	2.9	6
14	Natural deep eutectic systems as alternative nontoxic cryoprotective agents. <i>Cryobiology</i> , 2018 , 83, 15-26 ⁷	6.7	51
13	Tuning cell adhesive properties via layer-by-layer assembly of chitosan and alginate. <i>Acta Biomaterialia</i> , 2017 , 51, 279-293	10.8	49

12	Green solvents for enhanced impregnation processes in biomedicine. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017 , 5, 82-87	7.9	22
11	Investigation of cell adhesion in chitosan membranes for peripheral nerve regeneration. <i>Materials Science and Engineering C</i> , 2017 , 71, 1122-1134	8.3	30
10	Biomimetic Extracellular Environment Based on Natural Origin Polyelectrolyte Multilayers. <i>Small</i> , 2016 , 12, 4308-42	11	81
9	Multilayered Hollow Tubes as Blood Vessel Substitutes. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 2304-2314	5.5	14
8	Polysaccharide-based freestanding multilayered membranes exhibiting reversible switchable properties. <i>Soft Matter</i> , 2016 , 12, 1200-9	3.6	14
7	Unraveling the effect of the hydration level on the molecular mobility of nanolayered polymeric systems. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 405-12	4.8	16
6	Chitosan-alginate multilayered films with gradients of physicochemical cues. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4555-4568	7.3	35
5	pH Responsiveness of Multilayered Films and Membranes Made of Polysaccharides. <i>Langmuir</i> , 2015 , 31, 11318-28	4	46
4	Magnetically Multilayer Polysaccharide Membranes for Biomedical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2015 , 1, 1016-1025	5.5	22
3	Tailored freestanding multilayered membranes based on chitosan and alginate. <i>Biomacromolecules</i> , 2014 , 15, 3817-26	6.9	70
2	Nanostructured hollow tubes based on chitosan and alginate multilayers. <i>Advanced Healthcare Materials</i> , 2014 , 3, 433-40	10.1	46
1	Nanostructured 3D constructs based on chitosan and chondroitin sulphate multilayers for cartilage tissue engineering. <i>PLoS ONE</i> , 2013 , 8, e55451	3.7	95